

Amendments to the Specification:

At page 2, line 16 through page 5, line 1, please amend the following paragraphs:

An adjustable hydraulic press with both upper and lower double action comprises a main body and a hydraulic system, wherein the main body comprises a column 8, an upper beam 1 and a lower beam 21 respectively fixed on [[the]] upper and lower ends of the column 8, a main slide block 9 and a hold down slide block 13 sliding fit with the column 8, a fixing worktable 14 and a floating worktable 15 installed on the column 8, a plunger 6 of a master cylinder 2 fixed on the upper beam 1 and plungers 7 of four auxiliary cylinders 5 fixed on the upper beam 1 are connected to the main slide block 9 and drive it, [[the]]a hydraulic pressure chamber of a gas-liquid power accumulator 11 fixed in the main slide block 9 communicates to [[the]]a hydraulic pressure chamber of a hold down cylinder 10 fixed in the main slide block 9 by a connecting pipe 32, the plunger 12 of the hold down cylinder 10 is connected to the hold down slide block 13 and drives it, tools and moulds or ejecting mould can be fixed on [[the]]an upper surface of a plunger 22 of a ejecting cylinder, a snap ring groove 23 is provided at [[the]]an upper end of the plunger 22 of the ejecting cylinder in order to move the floating worktable, a snap ring can be mounted in the snap ring groove 23 or removed from it, after loading the snap ring, the plunger 22 of the ejecting cylinder can eject the floating worktable 15 to a predetermined height.

The fixing worktable 14 is located between the hold down slide block 13 and the floating worktable 15, the floating worktable 15 is located between the fixing worktable 14 and the lower beam 21, the floating worktable 15 sliding fits with the column 8, a ejecting cylinder 17 is fixed on the lower beam 21, the plunger 22 of the ejecting cylinder 17 passes through a center hole of the floating worktable 15.

[[The]]An air pressure of [[the]]an high pressure nitrogen 35 in [[the]]an gasbag 34 of the gas-liquid power accumulator 11 fixed on the main slide block 9 balances with the hydraulic pressure of [[the]] high pressure oil 33 in the hydraulic chamber of the gas-liquid power accumulator, the pressure of the high pressure oil balances with the hydraulic pressure of the hold down cylinder 10 by the connecting pipe 32, a charge valve 36 and a pressure gauge interface 37 are fixed on the gas-liquid power accumulator 11.

The master cylinder 2 and the four auxiliary cylinders 5 are fixed in the upper beam 1, [[the]] upper and lower hydraulic chambers of the master cylinder 2 and the four auxiliary cylinders 5 are respectively connected to each other through a connecting pipe 28 and a connecting pipe 29, the master cylinder 2 is equipped with a load hydraulic pipe 3 which doubles as a backstroke discharged pipe and a backstroke hydraulic pipe 4 which doubles as an load discharged pipe, the load hydraulic pipe 3 and the backstroke hydraulic pipe 4 are connected to a high pressure liquid source, the backstroke discharged pipe 3 and the load discharged pipe 4 are connected to a tank.

Four resetting slide rods 24 of the hold down slide block 13 pass through the main slide block 9, a position-limiting nut 2 connected to the resetting slide rod 24 by screw thread is used to adjust the maximal space between [[the]]a two slide blocks.

~~A snap ring groove 23 is provided at the upper end of the plunger 22 of the ejecting cylinder in order to move the floating worktable 15, a~~After installing the snap ring in the snap ring groove 23, the plunger 22 of the ejecting cylinder can elevate the floating worktable 15 to a predetermined height and the floating worktable 15 is locked by a position-limiting nut 16 for the floating worktable nut.

~~The w~~Water-cooling jackets 27, 26, 30, 31, 18 are respectively installed on [[the]] outerwalls of the master cylinder 2, the auxiliary cylinder 5, the hold down cylinder 10, the gas-liquid power accumulator 11 and the ejecting cylinder 17, a spiral separator plate 59 is provided in every water-cooling jacket, a connecting pipe 57 and a connecting pipe 58 are respectively provided at [[the]] upper and lower ends of the water-cooling jacket 31 of the gas-liquid power accumulator and the water-cooling jacket 30 of the hold down cylinder, a connecting pipe 62 and a connecting pipe 61 are respectively provided at [[the]] upper and lower ends of the water-cooling jacket 27 of the master cylinder and the water-cooling jacket 26 of the auxiliary cylinder.

A water inlet 60 and a water outlet 61 are provided at the upper and lower ends of the water-cooling jacket 27 of the master cylinder respectively, a water inlet 55 and a water outlet 56 are provided at the upper and lower ends of the water-cooling jacket 31 of the gas-liquid power accumulator respectively, a water inlet and a water outlet are provided at the upper and lower ends of the water-cooling jacket 18 of the hold down cylinder respectively, all [[the]] water inlets of the water-cooling jackets are connected to [[the]] water outlets of a cooling

system, and all [[the]] water outlets of the water-cooling jackets are connected to [[the]] water inlets of the cooling system.

At page 25, lines 3 - 19, please amend the Abstract as follows:

The present invention discloses an adjustable hydraulic press with both upper and lower double action, specially suitable for the cylindrical gear formed by stamping or expanding, closed forging and the metal cold forming or metal hot forming of punching, finishing, flanging and drawing of sheet materials. The press comprises four columns, an upper beam, a main slide block, a hold down slide block, a fixing worktable, a floating worktable and a lower beam. [[The]]A hydraulic chamber a of master cylinder fixed in the upper beam communicates to [[the]]a hydraulic chamber of [[the]]an auxiliary cylinder, [[the]]a plunger of the master cylinder is connected to the main slide block and drives it. [[The]]A hydraulic chamber of a gas-liquid power accumulator fixed in the main slide block communicates to [[the]]a hydraulic chamber of a hold down cylinder, [[the]]a plunger of the hold down cylinder is connected to the hold down slide block and drives it. [[The]]A plunger of an ejecting cylinder fixed in the lower beam is connected to the floating worktable and drives it. The hydraulic press of the invention simplifies the hydraulic system of the existing hydraulic, improves utilization rate of energy, production efficiency and working accuracy of workpiece.